ROMAN and OTHER CEMENTS. Manufactured by J. B. SLASHFIELD, successor to the Patentees, PARKER and WYATT, who, in 1796, first introduced PARKER'S ROMAN CEMENT; also Tarras and Portland Cements, English and French Plaster, Terra Cotta Chimney Pots, Tiles, &c.
Manufactory, Mill Wall, Poplar; Depôts, Commercial-road, Lambeth, and Paddington-basin.

PARIAN CEMENT for internal use, to be PAINTED IN A FEW HOURS AND PAPERED WITHIN A COUPLE OF DAYS.—CHARLES FRANCIS and SONS, Patentees, Nine Elms, London.

MEDINA (ROMAN) CEMENT.—The material of which this cement is made is obtained in the Isle of Wight. It has all the properties of the Sheppy Stone, but is much better adapted to engineering works, from the rapidity with which it sets and hardens under water. It has been long used at the great Breakwater at Cherbourg; in a similar work at Alderney; and at Dover New Pier, to unite the masonry. The foundation of the centre pier of the Tubular Bridge at Menai Straits is laid in Medina Cement. A new groyne at Sandown Bay, Isle of Wight, has been constructed of no other material but this cement and sea shingle. The work extends 300 feet into the sea, and is exposed to the most violent rake of the Channel, in a position where every former construction had been repeatedly washed away. The great eminence of the varied qualities of Roman Cement are superseded by the use of this improved manufacture.
CHAS. FRANCIS and SONS, Nine Elms, London; or West Medina Mill, Newport, Isle of Wight.
Agent for Southampton, H. L. FLUDER, American Wharf.

PERMANENT STUCCO WASH, WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.
As used at St. George's Hospital, Hyde Park Corner.
JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other.—DOES NOT WASH OFF—is perfectly dry to every-day hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons, &c. One cwt. will cover 100 square yards. It will last good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.
JOHNS and CO'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind; it has no caustic qualities; may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleaned with a brush and water.
The merits of the PAINT are well known for its application to every sort of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agents, PHILIP HAKE and Co. at the Warehouse, 23, Steel-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

THOMAS FREEN and CO. LIME BURNERS, Wouldham-on-the-Medway. Grey and Chalk Lime supplied by the freight, direct from the kilns, or fresh from their wharfs, 72, Canal-road, Kingsland-road; Queen's Wharf, Great Cambridge-street, Hackney-road; or King's Wharf, New Wharf-road, Battle-bridge, N.B. Baths, Tiles, Chimney-pots, Plaster, Hair, Welch Quoins, &c. &c. &c.

GREAVES'S BLUE LIAS LIME.—The superior manner in which the above is ground renders it cheaper for concrete or stucco than any other lime or cement. The shell lime for mortar is burnt on an improved principle, leaving scarcely any core. The satisfaction constantly expressed by Engineers, Architects, and Contractors, of the above, is its best recommendation.
Tiles, Canning, and Co's Blue Vitrified Bricks, Pipes, Jumbos, Bends, and Fire Goods.
ROMAN, PORTLAND, PARIAN, ANSTON, and LIAS CEMENTS of the best quality.
SECONDS, PAVIORS', STOCKS, and other Bricks.
CHARLES RICHARDSON, 6, South Wharf, Paddington.

PAN TILES, 48s.; Plain, 32s. 6d.; superior White Suffolk Facing, Red ditto, Fire Brick, 45s.—Best Stourbridge, Welsh, and Newcastle Fire Bricks, Lumps, Tiles, Clay, Windsor Loam, &c. Gas and other shaped Goods. Windsor and Nonsuch Green Tiles and Bricks. Dutch and English Clinkers, Patent Malthis and Corn drying finely-perforated Tiles, 12in. and 9in. Paving tiles, unequalled in quality and colour, at WARD'S old-established Hanburys Wharf, Bankside, Southwark, London. Thames Sand, Quarrels, Gravel, &c. &c.

PRIZE MEDAL AWARDED TO PEAKE'S TERRO-METALLIC TILES, PIPES, &c.
ILLUSTRATED TRADE LISTS, containing much information useful for reference; also unsolicited testimonials respecting a MATERIAL which, when well wrought, is probably superior to every other for drains or conduits, for ridges, hips, valleys, and every part of roofs, for plain or chequered floors, for paving and erections of a strong and durable nature, also many other purposes, supplied genuine by THOMAS PEAKE, (proprietor of Peake's Terro-Metallic), No. 4 WHARF, CITY-ROAD BASIN, LONDON, and 8 THE TILERIES, TUNSTALL, STAFFORDSHIRE. The lists contain both prices by number, and approximate cost by measure. It is solicited that letters be prepaid, and state if Staffordshire or London prices are wanted. Specimens were at the GREAT EXHIBITION, Class 27, No. 159 (having been at first No. 1211).

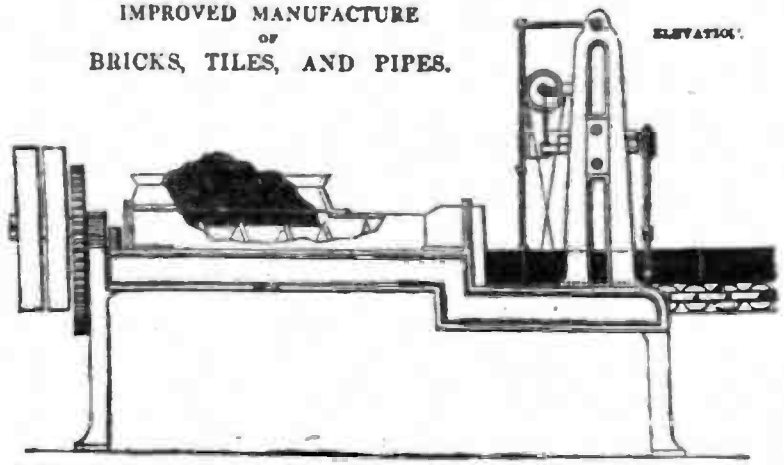
WHITE BLUNHAM BRICKS and TILES.—These Goods, so justly celebrated for retaining their colour without vegetating, and, combining great strength with a fine face, can now be obtained, in London, in various forms and sizes, and in any quantity. The Paving Tiles, Clinkers, Splays, Bullnoses, and Perforated are well worth attention. Sole Agents: PHILIP HAKE and CO. 23, Steel-yard Wharf, Upper Thames-street.

WHITE SUFFOLK and RED FACING BRICKS of superior quality. Moulded Bricks to any pattern.
COWLEY, KENT, and ESSEX BRICKS; also Yellow and Pale Malm Seconds, Cutters, Paviors, Shippers, &c. &c.
KENTISH RAG STONE of the finest quality, and of the blue stone so much approved by architects, can now be supplied, at a FURTHER and CONSIDERABLE REDUCTION in PRICE.
Apply to Mr. BENJAMIN GOUGH, 37, Newington-crescent, Newington Butts.

BRICKS.—H. DODD is enabled to offer his BRICKS, which are of good quality, at the following low prices; and as his fields are only a quarter of an hour's walk from the Clay, H. D. earnestly request purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves.
Malm place, half-washed stocks, and place bricks, at very low prices. These bricks are sound, well burnt, and unusually free from defects; a very large proportion of the stock being suitable for external facing.—Apply to HENRY DODD and CO. at the Counting-house, Horton Brickfields, Orange-walk, near the Rosemary Branch, Hoxton, N.E.—Red pit sand of approved quality constantly on sale, upon reasonable terms; this sand, from its not containing any saline matter, is acknowledged to be preferable to river sand.

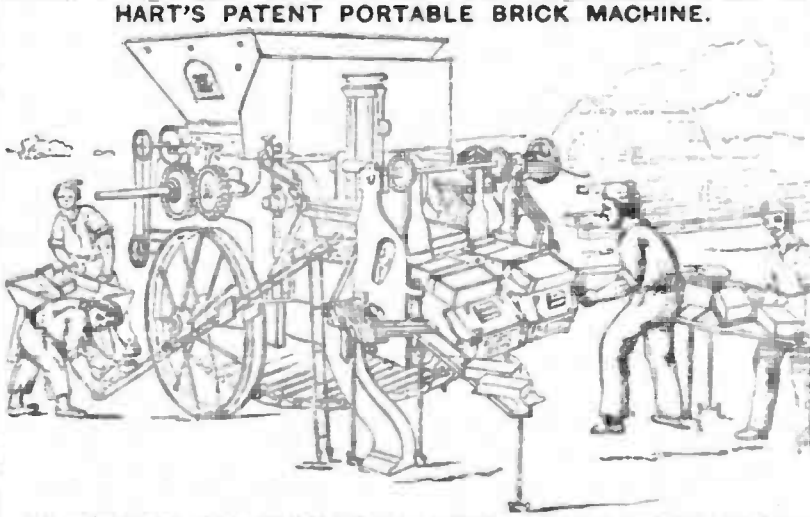
THE ALLOA FIRE-CLAY BRICKS, TILES, &c. &c. may now be had of TRAQUAIR and CO. 9, Bankside, Southwark, who take this opportunity of informing the trade and others, that the Alloa Fire Clay approximates in its composition to the Stourbridge Clay, and competent judges have pronounced the Alloa Fire-Brick to be nearly, if not quite equal to the Stourbridge, while the prices are not more than those charged for the common Newcastle qualities. Samples and price lists sent free on application to TRAQUAIR and Co. 9, Bankside, Southwark.

RANDELL AND SAUNDERS'S PATENT MACHINE FOR THE IMPROVED MANUFACTURE OF BRICKS, TILES, AND PIPES.



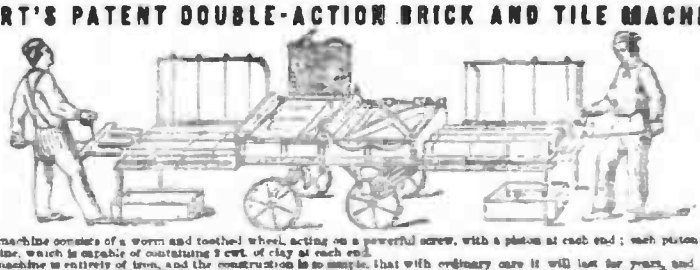
In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.
The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.
When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adopted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks, for sewage purposes, which make a drain of much greater strength than the stoneware or red-ware pipes, and at far less cost.
The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.
When worked with two-horse power, the machine will produce 1,000 bricks, or 1,500 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.
The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.
The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used to a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.
For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARR and CO. Engineers, Belper, Derby; STOTHERT, MAYNE, and PITT, Engineers, Bath; or to FOWLER and PEY, Engineers, Bristol.

HART'S PATENT PORTABLE BRICK MACHINE.



This machine, after many improvements in its details, is now confidently submitted to public notice as the most effective and economical known means of manufacturing solid bricks of a uniformly superior quality. Its advantages over every other machine for obtaining the same end have been so unequivocally admitted by all who have seen it in operation, that it will only be requisite to draw attention to a few of its characteristic features, to ensure a very large share of public patronage.
1st. The same machine grinds the clay and makes the bricks. 2nd. The pressure being equal throughout, the bricks are of uniform density, and superior in quality to hand-made bricks. 3rd. The moulds in which the bricks are formed and removed from the machine are made to open; thus the bricks are laid on the pallet-boards without injury to the shape from being handled. 4th. No skilled labour is required, as the machine is entirely self-acting, and requires none but boys to attend to it. 5th. The machine being mounted on wheels, is easily portable to any part of the field. 6th. The quantity made at stands that by any other means with an equal amount of power; and it is WARRANTED TO MAKE 20,000 IN TEN HOURS, WITH 8-HORSE POWER, and will continue in working order for years. 7th. The saving resulting from the use of the machine can be shown to exceed 20s. per annum.
PRICE 30l.

HART'S PATENT DOUBLE-ACTION BRICK AND TILE MACHINE.



This machine consists of a worm and toothed wheel, acting on a powerful screw, with a piston at each end; each piston working in the machine, which is capable of containing 2 cwt. of clay at each end.
The machine is entirely of iron, and the construction is so simple, that with ordinary care it will last for years, and WILL BE WARRANTED FOR THREE YEARS. It is mounted on wheels, so as to be readily taken to any part required. The dies are made for tiles and mouldings of any shape and size; for solid or hollow bricks; for pipes of any shape and size up to 6 inches diameter, and with two receiving tables.
N.B.—The dies for Roberts's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde park, are manufactured for, and supplied with this machine if required. It is capable of being worked by hand, or may, as well as the Brick Machine, be driven by horse or steam power.

The price of the machine, complete, with two tables, two dies, and one screw, for hand-power	80l.
Ditto, ditto, to be worked by horse-power	85l.
Ditto, ditto, steam-power	90l.

Price of horse-gear to drive one tile machine, 4l.; if to drive two machines, 6l. 10s.; if three, 10l. extra. One horse will drive three machines.
J. H. invites attention to his extensive stock of machinery of every description for brick and tile making, and will furnish full particulars upon application. Steam-engines from four to fifty horse power kept in stock.
ENGINEERING, BOILER MAKING, AND IRONFOUNDRY IN ALL ITS BRANCHES.
MANUFACTORY:—ATLAS IRON WORKS, BOROUGH-ROAD LONDON.

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